

Work Order ID 53620

November 10, 2009 2:56:34 PM

Page 1

Item ID: D2512

Accept

Revision ID: E

Item Name: Basket Lid 205/350

Start Date: 11/10/09 Start Qty: 1.00

Required Date: 11/19/09 Req'd Qty: 1.00

Reference:

Approvals:

Process Plan: *W*

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D2512

Rev E

100



Large Fab

Large Fab

Weld per dwg A/R S.S. rod Batch: M109213 0.00
Large Fab

Memo

0.00

1-Cut 3/4" x 3/4" square tubing as per Dwg D2512
2-Cut (4) D2236 From D3166-3
3-Drill holes in D2512-1 as per Dwg D2512 using Drill Jig DT8305
4-Weld as per Dwg D2512 using Welding Jig DT 9436
Deburr as required
INSTALL D2012-117 CLEVIS ONLY ON D130-701-041
5-Drill holes in D2512-1 per DSI 9473

SAD

09-11-12 x1
09-11-12 x1*E*

110



QC

Quality Control

QC9- Inspect visual per QSI004- Fusion Welds 0.00

Memo

0.00

E * Converted to lot DSI 9473*Cpl 09 11 18**Mon 11/19*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 53620

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Page 2

Item ID: D2512

Accept



Setup Start



Revision ID: E

Stop



Item Name: Basket Lid 205/350

Start Date: 11/10/09 Start Qty: 1.00



Cust Item ID:

Required Date: 11/19/09 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

=> 509/11/19



* PRESSURE WASH

130

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00



Powdercoat

Memo

0.00

Powder Coating

1- Plug holes in D2581 and in D2327-1 bushing prior to Powdercoat

1ST COAT:

START TIME: 1:45pm

OVEN TEMPERATURE: 400°F

FINISH TIME: 2:15pm

2ND COAT:

START TIME: 2:30pm

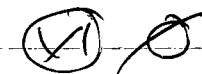
OVEN TEMPERATURE: 400°F

FINISH TIME: 3:00pm

=>

MS

09/11/19



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID 53620

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Page 3

Item ID: D2512

Accept



Setup Start



Revision ID: E

Stop



Item Name: Basket Lid 205/350

Start Date: 11/10/09 Start Qty: 1.00



Cust Item ID:

Required Date: 11/19/09 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140 HandFinish	HandFinishing	0.00							
Hand Finishing	Memo Wing Walk and Spray Paint black as per Dwg D2512 and QSI 005 4.4 Batch: <u>M112623</u> <u>spray paint : Batch 112437</u>	0.00							
150 QC	QC3- Inspect Part Finish	0.00							
Quality Control	Memo	0.00							
160 Packaging	Identify as per dwg & Stock Location: <u>WFO 53618</u>	0.00							
Packaging	Memo	0.00							

MD 09/11/25

BR 09-11-25.

CMD 09/11/26

21

Ø.

21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D2512

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Setup Start



Revision ID: E

Stop



Item Name: Basket Lid 205/350

Start Date: 11/10/09 Start Qty: 1.00



Cust Item ID:

Required Date: 11/19/09 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

170

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/11/27 *[Signature]*PA 09-11-27
①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

November 10, 2009 2:56:30 PM

Page 1

Work Order ID: 53620

Parent Item: D2512RevE

Parent Item Name: Basket Lid 205/350

Comments:

Start Date: 11/10/09

Required Date: 11/19/09

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2012-117RevC

Manufactured

No

100

Each

20.0000

2.0000

Clevis

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

20

31101

2

52498

18

ONLY APPLICABLE ON D130-701-041

D2232-1RevC

Manufactured

No

100

Each

18.0000

2.0000

Basket Hinge

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

2

48230

2

Main Warehouse

WA

16

51105

16

2x

14 09/11/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

November 10, 2009 2:56:31 PM

Work Order ID: 53620

Parent Item: D2512RevE

Parent Item Name: Basket Lid 205/350


Start Date: 11/10/09

Required Date: 11/19/09

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2327-1RevD		Manufactured	No			100	Each	33.0000	2.0000			
												
Spacer Bushing												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

33

51331

8

52832

25

2x *SY 09/11/13*

D2506RevF

Manufactured

No

100

Each

7.0000

1.0000



Label Plate

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

1

44275

1

Main Warehouse

WA

6

52834

6

1x *SY 09/11/13*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

November 10, 2009 2:56:31 PM

Work Order ID: 53620



Parent Item: D2512RevE



Parent Item Name: Basket Lid 205/350

Start Date: 11/10/09

Required Date: 11/19/09

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2581RevA1 Mounting Bracket		Manufactured	No			100	Each	40.0000	2.0000			

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 12

46086 2

48428 1

51120 9

Main Warehouse

WA 28

50872 1

51745 27

D3166-3RevA1

Manufactured No

100

Each

5.8632

1.0000



Basket Hoop

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA 5.8632

50033 0.0527

50618 0.1894

52058 5.6211

24 09/11/13

SAD 09-11-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

November 10, 2009 2:56:32 PM

Work Order ID: 53620



Parent Item: D2512RevE

Parent Item Name: Basket Lid 205/350

Start Date: 11/10/09

Required Date: 11/19/09

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
M304EX0.75-16F		Purchased	No			100	sf	191.7895	18.9474			
Expanded Metal Flat SS												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

MAT

191.7895065

110134

3.4

111630

1.85

111956

0.000017

112147

6.29428947

112311

0.9205

112707

43.6203

112949

135.7044

18,9474 SH 09/11/12

M304TS0.750W.065

Purchased

No

100

f

481.2115

45.8741



304 SQ Tube .75x.75x.065W



SAD 09-10-12

Warehouse Loc Qty Loc Code

Location

Main Warehouse

MAT

473.6842

113082

473.6842

Main Warehouse

WA

7.5272947

112398

7.5272947

45,8741

End Bar Scrap 0.7 sq ft B113082

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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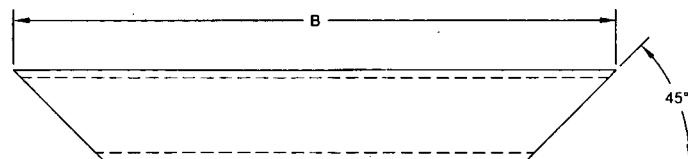
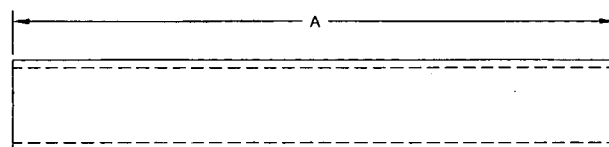
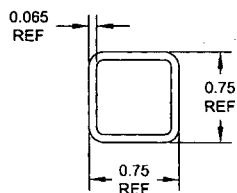
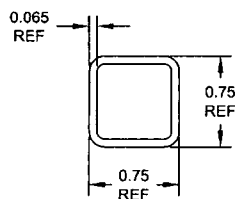
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

PARTS LIST FOR D2512 BASKET LID ASSEMBLY

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D2512-1	2	—	25.50	RIB
D2512-3	2	—	95.30	RIB
D2512-5	6	30.84	—	RIB
D2512-7	3	30.63	—	RIB
D2232-1	2	N/A	N/A	HINGE PLATE
D2236	4	N/A	N/A	RIB
D2327-1	2	N/A	N/A	BUSHING
D2506	1	N/A	N/A	LABEL PLATE
D2581	2	N/A	N/A	MOUNTING BRACKET



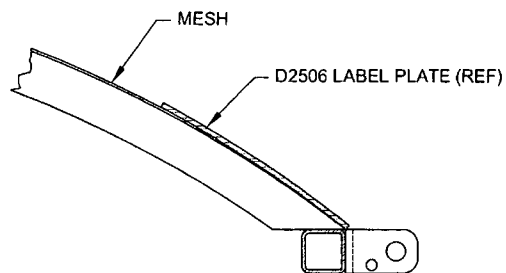
RELEASED

E	INCORPORATED D1 & D2. MATERIAL FOR -1, -3, -5, & -7 WAS 0.060 WALL. SHT 3 ZN C4 TOLERANCE REMOVED FROM 95.30 DIM. DRAWING TRANSFERRED TO "B" FORMAT AND UPADTED TO CURRENT STANDARDS. SHT 3 VIEWS INVERTED FOR CLARITY. SHT 2 MESH MATERIAL CALLOUT UPDATED.	AJS	08.06.17
D	CHANGE HINGE	CP	01.04.19
C	REMOVE DOUBLE SKIN SECTION, ADDED MEMBERS, INCORP DEO 9074	DS	99.07.06
B	ADDED LATCH CHANNEL & LABEL PLATE	BW	96.05.24
A	NEW ISSUE	BW	95.11.21
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D2512	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY (350/212)	NTS
DATE	08.06.17	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

D2512-1/-3/-5/-7 NOTES:

- 1) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A
- 8) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST

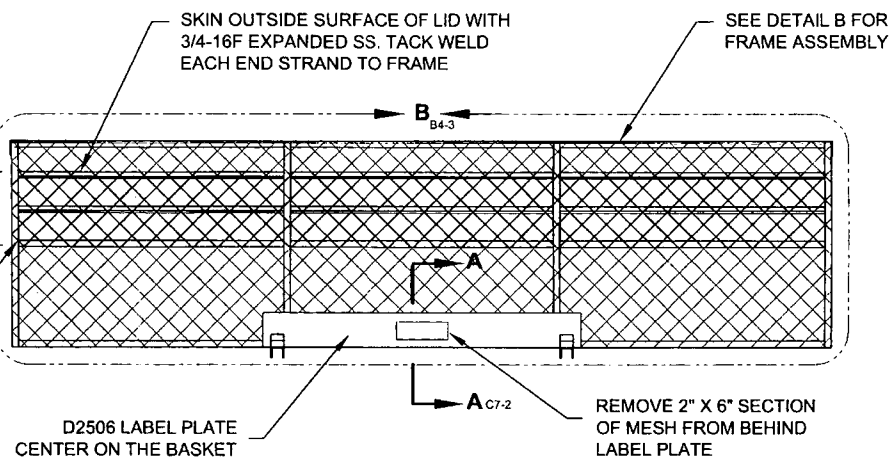
id 53620



SECTION A-A_{B3-2}
(ROTATED 90° CCW)

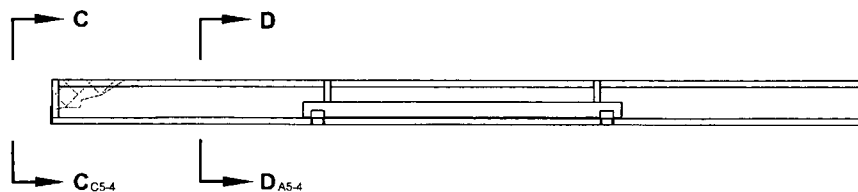
FINISH THIS SECTION ALONG
ENTIRE LENGTH PER NOTE 3
AFTER POWDER COAT.

TACK WELD MESH TO FRAME
AT EVERY AVAILABLE LOCATION
IN AREA TO BE ANTI-SKIDDED




D2512 BASKET LID ASSEMBLY NOTES:

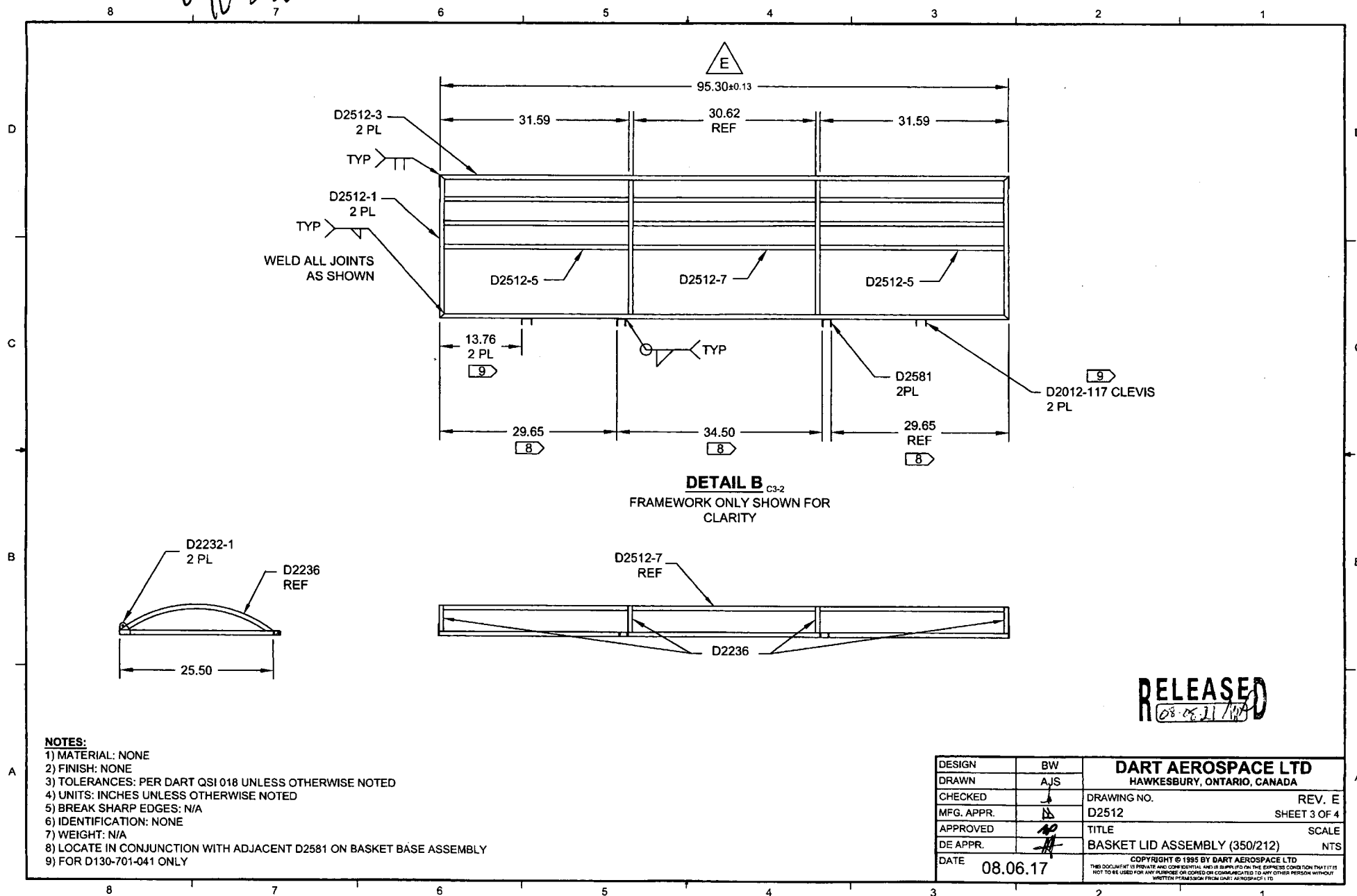
- 1) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
- 2) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) SPRAY PAINT BLACK INSIDE SURFACE
APPLY BLACK ANTI-SKID TO OUTSIDE SURFACE PER DART QSI 005 4.4
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: NONE
- 8) WEIGHT: N/A
- 9) WELD PER DART QSI 004



RELEASED
08.06.17

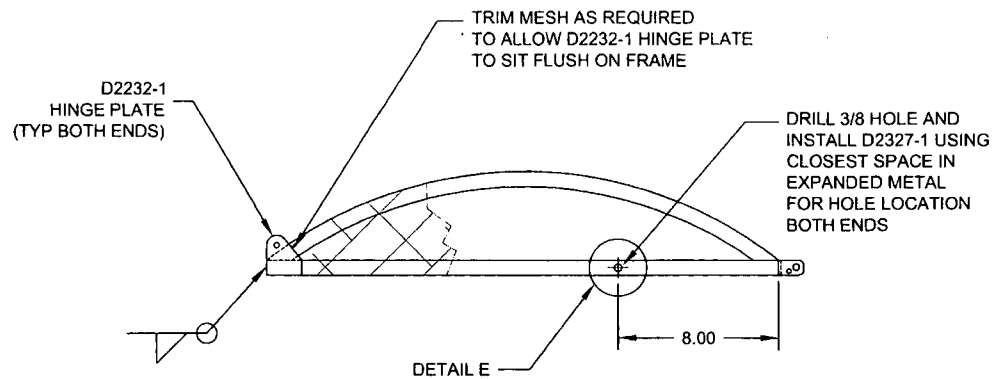
DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D2512	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY (350/212)	NTS
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W/O 53620

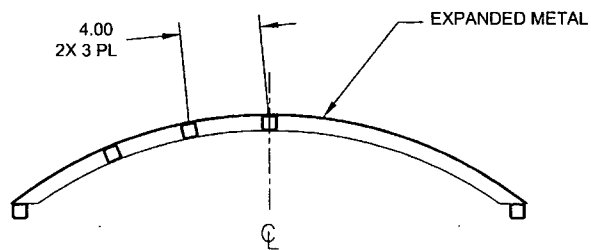


DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	J	DRAWING NO.	REV. E
MFG. APPR.	J	D2512	SHEET 3 OF 4
APPROVED	J	TITLE	SCALE
DE APPR.	J	BASKET LID ASSEMBLY (350/212)	NTS
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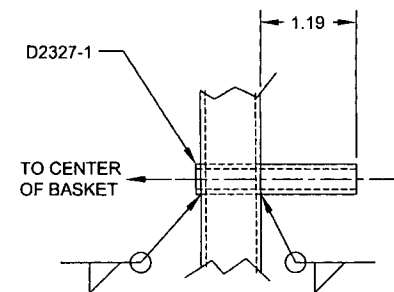
Wb 53620



VIEW C-C SIMILAR BOTH END RIBS A5-2



SECTION D-D SAME BOTH CENTER RIBS A4-2



DETAIL E C6-4

RELEASED

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D2512	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY (350/212)	NTS
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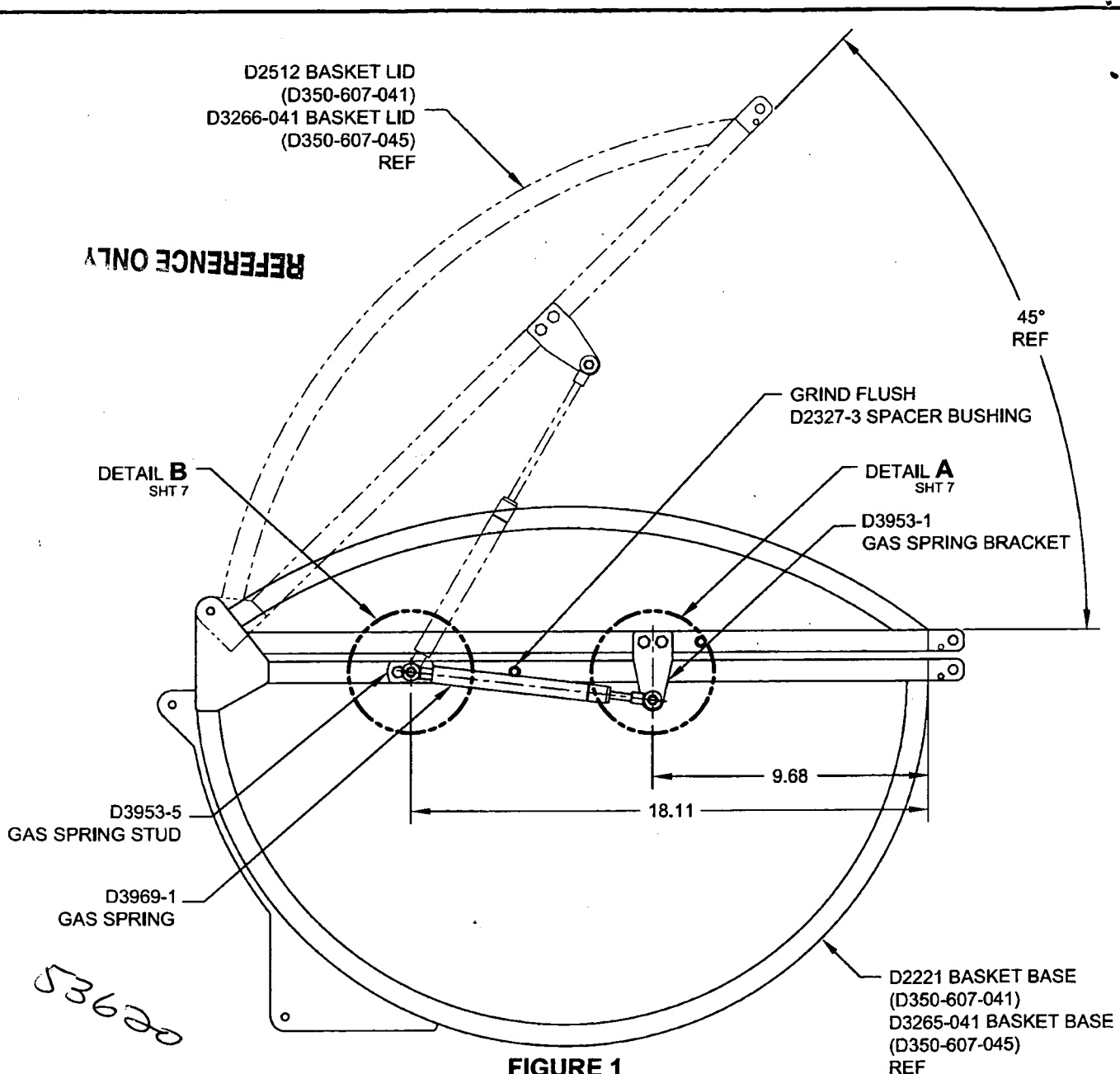


FIGURE 1

D350-607-141 AUTOMATIC LID OPENER INSTALLATION




(BOTH ENDS)

D350-607-145 AUTOMATIC LID OPENER INSTALLATION

(1 END ONLY)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)
DATE: 09.11.06
CERT. NO.: SH94-14
ISSUE NO.: 4

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9473	SHEET 5 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
DATE	09.11.06	COPYRIGHT © 2009 BY DART AEROSPACE LTD	
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